Timely Connections Report

1st October 2017- 31st March 2018

1.0 Introduction

1.1 About the Timely Connections Report ("the Report")

The Report provides analysis of the new 109 licensed offers which have been made by National Grid, for the period 1st October 2017 to 31st March 2018.

The Report provides information on the factors that influence the connection dates being offered to customers and the timescales for connection by region. It also provides information on the type of generation seeking to connect.

In this Report we have included a section which looks at offers made under Connect and Manage arrangements and the average estimated advancement timescales provided to customers as a result a Connect and Manage offer.

Previous copies of the Report can be found via the following link:

https://www.nationalgrid.com/uk/electricity/industrial-connections/registers-reports-and-guidance

1.2 Key findings in this period

Overall the number of offers has increased in this reporting period from 78 to 109 with a more even split across all GB Transmission Owners.

In England and Wales there has been a decrease of 13% from the previous reporting period, with 82% of offers issued meeting the requested connection date. This includes offers provided with access restrictions which facilitated an earlier date than would have otherwise been provided. In Scotland 77% of offers met the requested connection date.

In this period there are a number of occurrences where transmission reinforcement timescales have not been considered in applications associated to connecting embedded generation at Distribution level. In addition, many generation connections remain in a 'scoping' phase or awaiting a successful outcome in the Capacity Market and therefore, there is significant uncertainty as to which generation is going to connect and in what timescales.

1.3 Feedback

We are continuing to review the content and format of this Report and therefore, your views are important to us. If you would like to provide feedback or have any questions regarding this Report then please do not hesitate to contact us via the following email address:

transmissionconnections@nationalgrid.com

2.0 Illustrative Connection Timescales

2.1 Customer requested date vs. date offered and average difference

The table below shows the number of offers made by ETYS region, the number where the connection date offered was later than that which the customer requested and the average connection date difference (in months):

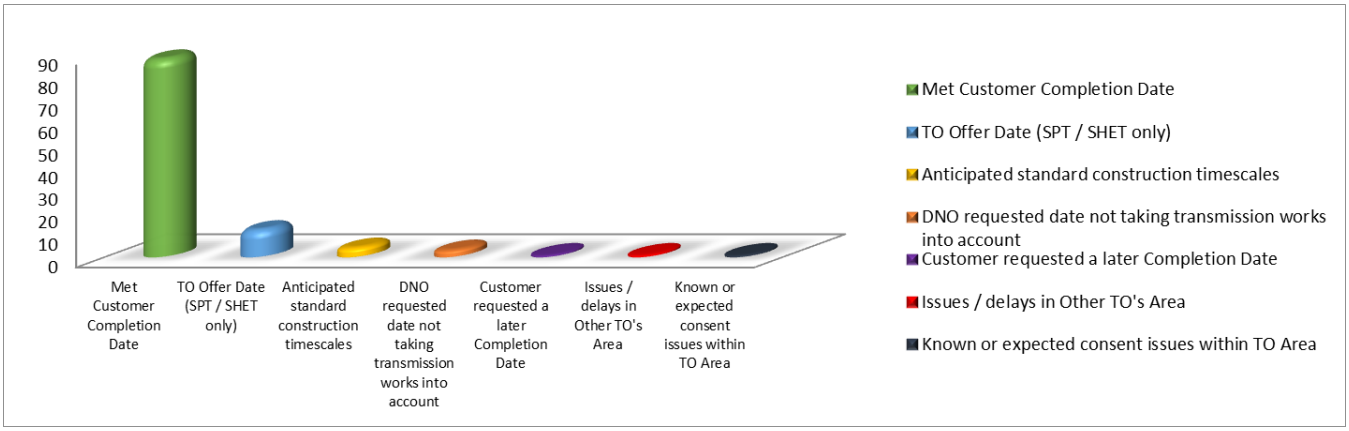
ETYS Region	No. of Offers made in period	No. with later connection date than requested	Average connection date difference **(months)
SP Transmission	38	9	11
SHE Transmission	33	7	19
West England and Wales*	9	3	11
Southern England	9	2	13
Eastern England	7	1	6
Northern England	13	0	0
Grand Total	109	22	N/A

* Please note that many of the offers in this area relate to Embedded Generation and the offer has been viewed in the context of the offer to the DNO rather than the offer to each individual Embedded Generator as is the case for Project Progression in Scotland.

** Please note that for the treatment of "staged" offers (i.e. a single contract but with more than one stage of construction and / or capacity) an average has been derived for the purposes of the connection date difference. This has been achieved by summing the difference (in months) per stage and then dividing this total by the number of stages e.g. Stage 1 advancement of 12 months and Stage 2 advancement of 6 months = total 18 months (12 + 6) divided by 2 (stages) = 9 months average difference for that single contract. This value is then added to the other values for offers made within that ETYS region to determine the average connection date difference for that region.

2.2 Factors that have influenced connection dates offered

The bar chart below shows a summary of those factors that have influenced the connection dates which have been offered during this period:



Expressed as a percentage the factors show that for the 109 offers which were issued by National Grid during the period of 1st October 2017- 31st March 2018.

- 79% met the customers requested completion date, some with interim access restrictions
- 11% TO Offer Date (SPT/SHET only)
- 5% were based upon the anticipated standard construction timescales
- 2% DNO requested date not taking transmission works into account
- 1% were where the Customer requested a later Completion Date, there were Issues/delays in Other TO's Area or there were Known or expected consent issues with TO Area.

3.0 Size and Type of Generation Offers

3.1 Offers made by generation type

ETYS Region	No. of Offers made in period	Renewable	Non Renewable	Demand	Interconnector
SP Transmission	38	21	17	0	0
SHE Transmission	33	29	0	4	0
West England and Wales	9	0	1	8	0
Southern England	9	0	2	5	2
Eastern England	7	1	4	2	0
Northern England	13	4	6	3	0
Grand Total	109	55	30	22	2

Note: The classification "Renewable" includes low carbon technology and the demand figures include 'bulk' project progression offers as referenced above.

The data shows that there continues to be significant interest in applications for (or modifications related to) renewable projects in Scotland, however in the SP Transmission area there is a broadly even split. Applications in England and Wales remain for a broader spectrum of technology types, with the majority of offers at traditional demand sites associated driven by increases in embedded generation.

3.2 Offers made by generation size

ETYS Region	No. of Small Offers made	No. of Medium Offers made	No. of Large Offers made	No. of Demand Offers made
SHE Transmission	9	0	20	4
SP Transmission	20	0	18	0
England and Wales	3	1	16	18

Notes - does not include interconnectors and the majority of the 'Demand' offers in England and Wales relate to 'small' Embedded Generation rather than new demand connections. In terms of sizes the classification is as follows:

- A "Small" generator is a site that is: <10MW in SHE Transmission, <30MW in SP Transmission, <50MW across the England and Wales regions.
- A "Large" generator is a site that is: >10MW in SHE Transmission, >30MW in SP Transmission, >100MW across the England and Wales regions.
- The classification of "Medium" generator exists in the England and Wales regions and is a site that is >50MW and <100MW.

4.0 Connect and Manage Offers

4.1 Number of C&M Offers made per ETYS Region and associated advancement timescale

The table below shows the number of Connect and Manage offers made during the period by ETYS region and the associated average advancement that customer may benefit from should they choose to enter into a Connect and Manage agreement.

ETYS Region	No. of C&M offers made in period	Average Advancement (in years)	Renewable	Non Renewable
SP Transmission	38	9.8	19	19
SHE Transmission	33	9.4	24	5
West England and Wales	0	0	0	0
South England	3	8.6	0	0
East England	4	6.5	1	1
North England	4	10.25	4	0
Grand Total	82	8.91	48	25

Connect and Manage offers are given to those customers who request a connection date ahead of when the identified wider transmission reinforcement works can be completed. The agreements contain the requirement for derogation against the National Electricity Transmission System Security and Quality of Supply Standards which once approved allows for a connection to be made ahead of those wider transmission reinforcement works.